



SEQUENCE LISTING

<110> Wong, Chi-Huey
Slee, Deborah H.
Laslo, Karen

<120> HIV Protease Inhibitors

<130> 482.1/SCR 2025P

<140> US 09/077,712

<141> 1999-07-09

<150> PCT/US96/19571

<151> 1996-12-09

<150> US 08/566,532

<151> 1995-12-07

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 8

<212> PRT

<213> Lentivirus Human Immunodeficiency virus 1

<400> 1

Ser Gln Asn Tyr Pro Ile Val Gln

1

5

<210> 2

<211> 8

<212> PRT

<213> Lentivirus feline immunodeficiency virus

<400> 2

Pro Gln Ala Tyr Pro Ile Gln Thr

1

5

<210> 3

<211> 6

<212> PRT

<213> Lentivirus feline immunodeficiency virus

<400> 3

Gln Ala Tyr Pro Ile Gln

1

5

RECEIVED
SEP 07 2001
TECH CENTER 1600/2900

<210> 4
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> 1
<223> acylated with 2 amino-benzoic acid

<221> MOD_RES
<222> 4
<223> para-nitro group on the phenyl ring of this
phenylalanine

<221> AMIDATION
<222> 6
<223> amidated with ammonia

<223> The first amino acid has a 2-aminobenzoic acid
connected at the N-terminus.
The fourth amino acid is a phenylalanine that has
a para-
nitro group on the ring.

<400> 4
Thr Ile Asn Phe Gln Arg
1 5

<210> 5
<211> 17
<212> PRT
<213> Unknown

<220>
<223> Not listed in original publication

<400> 5
Gly Lys Glu Glu Gly Pro Pro Gln Ala Tyr Pro Ile Gln Thr Val Asn
1 5 10 15
Gly

<210> 6
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Commercially available fluorogenic substrate for
the protease of the human immunodeficiency virus

<221> ACETYLATION

<222> 1

<221> MOD_RES

<222> 4

<223> para-nitro group on the ring of phenylalanine

<221> AMIDATION

<222> 6

<223> primary amide

<400> 6

Thr Ile Asn Phe Gln Arg

1

5

<210> 7

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<221> MOD_RES

<222> 4

<223> 3-amino-2-oxo-4-phenylbutyric acid residue

<221> AMIDATION

<222> 8

<223> primary amide formed with ammonia

<223> the fourth amino acid is an alpha hydroxy homolog of phenylalanine and this sequence of 8 amino acids does not correspond to any known sequence

<400> 7

Pro Gln Ala Phe Pro Ile Gln Thr

1

5